ELSEVIER

Biomembranes

Vol. 1329, 1997

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Abad, C., see Pérez-Payá, E. (1329) 223
Aced, G.I., see Viner, R.I. (1329) 321
Addona, G.H., Andrews, S.H. and Cafiso, D.S.
Estimating the electrostatic potential at the acetylcholine receptor agonist site using power saturation EPR (1329) 74
Ahl, P.L., Bhatia, S.K., Meers, P., Roberts, P., Stevens, R., Dause, R., Perkins, W.R. and Janoff, A.S.
Enhancement of the in vivo circulation lifetime of L-α-distearoylphosphatidylcholine liposomes: importance of liposomal aggregation versus complement opsonization (1329) 370
Ahmad, I., see Mayhew, E. (1329) 139
Allevi, P., see Cazzola, R. (1329) 291
Alper, S.L., see Chernova, M.N. (1329) 111
Andrews, S.H., see Addona, G.H. (1329) 74
Aoki, H., see Kodama, M. (1329) 61

Barenholz, Y., see Zuidam, N.J. (1329) 211
Béven, L., Chaloin, L., Vidal, P., Heitz, F. and Wróblewski, H.
Effects on mollicutes (wall-less bacteria) of synthetic peptides comprising a signal peptide or a membrane fusion peptide, and a nuclear localization sequence (NLS) – a comparison with melittin (1329) 357
Bhatia, S., see Mayhew, E. (1329) 139
Bhatia, S.K., see Ahl, P.L. (1329) 370
Bigelow, D.J., see Viner, R.I. (1329) 321
Botfield, M.C., see Weissborn, A.C. (1329) 237
Braco, L., see Pérez-Payá, E. (1329) 223
Bradshaw, J.P., Bushby, R.J., Giles, C.C.D., Saunders, M.R. and Saxena, A.
The headgroup orientation of dimyristoylphosphatidylinositol-4-phosphate in mixed lipid bilayers: a neutron diffraction study (1329) 124
Brandenburg, K., Kusumoto, S. and Seydel, U.
Conformational studies of synthetic lipid A analogues and partial structures by infrared spectroscopy (1329) 183
Brindley, P.J., see Fan, J. (1329) 18
Brosius, F.C., see Chernova, M.N. (1329) 111
Bryant, G., see Wolfe, J. (1329) 202
Burnette, R.R., see Hsu, S.-f. (1329) 26
Bushby, R.J., see Bradshaw, J.P. (1329) 124

Cafiso, D.S., see Addona, G.H. (1329) 74
Camiña, J.P., see Pérez, F.R. (1329) 269
Capistrano, M.-F.P., see Krasilnikov, O.V. (1329) 51
Caruso-Neves, C., Francisco-Pedro, L.G., Souza, L.P., Chagas, C. and Lopes, A.G.
Effect of adenosine on the ouabain-insensitive Na^+-ATPase activity from basolateral membrane of the proximal tubule (1329) 336
Casabiell, X., see Pérez, F.R. (1329) 269
Casanueva, F.F., see Pérez, F.R. (1329) 269
Cazzola, R., Viani, P., Allevi, P., Cighetti, G. and Cestaro, B.
pH sensitivity and plasma stability of liposomes containing *N*-stearoylcysteamine (1329) 291
Cestaro, B., see Cazzola, R. (1329) 291
Chagas, C., see Caruso-Neves, C. (1329) 336
Chaloin, L., see Béven, L. (1329) 357
Chernova, M.N., Humphreys, B.D., Robinson, D.H., Stuart-Tilley, A.K., Garcia, A.-M., Brosius, F.C. and Alper, S.L.
Functional consequences of mutations in the transmembrane domain and the carboxy-terminus of the murine AE1 anion exchanger (1329) 111
Cighetti, G., see Cazzola, R. (1329) 291
Cohen, F.S., see Razinkov, V.I. (1329) 149
Crowe, J.H.
Reply to the correction from Wolfe et al. to "Is vitrification involved in depression of the phase transition temperature in dry phospholipids?" [Biochim. Biophys. Acta 1280 (1996) 187–196] (1329) 203

Dause, R., see Ahl, P.L. (1329) 370
Dause, R., see Mayhew, E. (1329) 139
Dufourcq, J., see Pérez-Payá, E. (1329) 223

Fan, J., Hooker, C.W., McManus, D.P. and Brindley, P.J.
A new member of the transmembrane 4 superfamily (TM4SF) of proteins from schistosomes, expressed by larval and adult *Schistosoma japonicum* (1329) 18
Ferrington, D.A., see Viner, R.I. (1329) 321
Filep, J., see Mayhew, E. (1329) 139
Filion, M.C. and Phillips, N.C.
Toxicity and immunomodulatory activity of liposomal vectors formulated with cationic lipids toward immune effector cells (1329) 345
Francisco-Pedro, L.G., see Caruso-Neves, C. (1329) 336
Franklin, J.C., see Mayhew, E. (1329) 139

Garcia, A.-M., see Chernova, M.N. (1329) 111
Giles, C.C.D., see Bradshaw, J.P. (1329) 124
Guéraud, F. and Paris, A.
Hepatic microsomal membrane lipidic composition and growth hormone effect in adult male rat: evidence for a 'feminization' process of total phospholipid fatty acid pattern (1329) 97

Hagen, J.P. and McConnell, H.M.
Liquid-liquid immiscibility in lipid monolayers (1329) 7
Harris, F., see Siligardi, G. (1329) 278
Hatta, I., see Kodama, M. (1329) 61
Hayashi, K., see Kogure, K. (1329) 174
Heitz, F., see Béven, L. (1329) 357
Hernandez-Jimenez, E.I., see Razinkov, V.I. (1329) 149
Higashi, Y., see Sasaki, N. (1329) 169
Hoffmann, E.K., see Jensen, B.S. (1329) 1
Hooker, C.W., see Fan, J. (1329) 18
Hruby, V.J., see Romanowski, M. (1329) 245
Hsu, S.-f. and Burnette, R.R.
Characterization of the effects of amphotericin B on ion channels in MDCK cells using the patch-clamp technique (1329) 26
Humphreys, B.D., see Chernova, M.N. (1329) 111

ELSEVIER

Biomembranes

Vol. 1329, 1997

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Abad, C., see Pérez-Payá, E. (1329) 223
Aced, G.I., see Viner, R.I. (1329) 321
Addona, G.H., Andrews, S.H. and Cafiso, D.S.
Estimating the electrostatic potential at the acetylcholine receptor agonist site using power saturation EPR (1329) 74
Ahl, P.L., Bhatia, S.K., Meers, P., Roberts, P., Stevens, R., Dause, R., Perkins, W.R. and Janoff, A.S.
Enhancement of the in vivo circulation lifetime of L-α-distearoylphosphatidylcholine liposomes: importance of liposomal aggregation versus complement opsonization (1329) 370
Ahmad, I., see Mayhew, E. (1329) 139
Allevi, P., see Cazzola, R. (1329) 291
Alper, S.L., see Chernova, M.N. (1329) 111
Andrews, S.H., see Addona, G.H. (1329) 74
Aoki, H., see Kodama, M. (1329) 61

Barenholz, Y., see Zuidam, N.J. (1329) 211
Béven, L., Chaloin, L., Vidal, P., Heitz, F. and Wróblewski, H.
Effects on mollicutes (wall-less bacteria) of synthetic peptides comprising a signal peptide or a membrane fusion peptide, and a nuclear localization sequence (NLS) – a comparison with melittin (1329) 357
Bhatia, S., see Mayhew, E. (1329) 139
Bhatia, S.K., see Ahl, P.L. (1329) 370
Bigelow, D.J., see Viner, R.I. (1329) 321
Botfield, M.C., see Weissborn, A.C. (1329) 237
Braco, L., see Pérez-Payá, E. (1329) 223
Bradshaw, J.P., Bushby, R.J., Giles, C.C.D., Saunders, M.R. and Saxena, A.
The headgroup orientation of dimyristoylphosphatidylinositol-4-phosphate in mixed lipid bilayers: a neutron diffraction study (1329) 124
Brandenburg, K., Kusumoto, S. and Seydel, U.
Conformational studies of synthetic lipid A analogues and partial structures by infrared spectroscopy (1329) 183
Brindley, P.J., see Fan, J. (1329) 18
Brosius, F.C., see Chernova, M.N. (1329) 111
Bryant, G., see Wolfe, J. (1329) 202
Burnette, R.R., see Hsu, S.-f. (1329) 26
Bushby, R.J., see Bradshaw, J.P. (1329) 124

Cafiso, D.S., see Addona, G.H. (1329) 74
Camiña, J.P., see Pérez, F.R. (1329) 269
Capistrano, M.-F.P., see Krasilnikov, O.V. (1329) 51
Caruso-Neves, C., Francisco-Pedro, L.G., Souza, L.P., Chagas, C. and Lopes, A.G.
Effect of adenosine on the ouabain-insensitive Na^+-ATPase activity from basolateral membrane of the proximal tubule (1329) 336
Casabiell, X., see Pérez, F.R. (1329) 269
Casanueva, F.F., see Pérez, F.R. (1329) 269
Cazzola, R., Viani, P., Allevi, P., Cighetti, G. and Cestaro, B.
pH sensitivity and plasma stability of liposomes containing *N*-stearoylcysteamine (1329) 291
Cestaro, B., see Cazzola, R. (1329) 291
Chagas, C., see Caruso-Neves, C. (1329) 336
Chaloin, L., see Béven, L. (1329) 357
Chernova, M.N., Humphreys, B.D., Robinson, D.H., Stuart-Tilley, A.K., Garcia, A.-M., Brosius, F.C. and Alper, S.L.
Functional consequences of mutations in the transmembrane domain and the carboxy-terminus of the murine AE1 anion exchanger (1329) 111
Cighetti, G., see Cazzola, R. (1329) 291
Cohen, F.S., see Razinkov, V.I. (1329) 149
Crowe, J.H.
Reply to the correction from Wolfe et al. to "Is vitrification involved in depression of the phase transition temperature in dry phospholipids?" [Biochim. Biophys. Acta 1280 (1996) 187–196] (1329) 203

Dause, R., see Ahl, P.L. (1329) 370
Dause, R., see Mayhew, E. (1329) 139
Dufourcq, J., see Pérez-Payá, E. (1329) 223

Fan, J., Hooker, C.W., McManus, D.P. and Brindley, P.J.
A new member of the transmembrane 4 superfamily (TM4SF) of proteins from schistosomes, expressed by larval and adult *Schistosoma japonicum* (1329) 18
Ferrington, D.A., see Viner, R.I. (1329) 321
Filep, J., see Mayhew, E. (1329) 139
Filion, M.C. and Phillips, N.C.
Toxicity and immunomodulatory activity of liposomal vectors formulated with cationic lipids toward immune effector cells (1329) 345
Francisco-Pedro, L.G., see Caruso-Neves, C. (1329) 336
Franklin, J.C., see Mayhew, E. (1329) 139

Garcia, A.-M., see Chernova, M.N. (1329) 111
Giles, C.C.D., see Bradshaw, J.P. (1329) 124
Guéraud, F. and Paris, A.
Hepatic microsomal membrane lipidic composition and growth hormone effect in adult male rat: evidence for a 'feminization' process of total phospholipid fatty acid pattern (1329) 97

Hagen, J.P. and McConnell, H.M.
Liquid-liquid immiscibility in lipid monolayers (1329) 7
Harris, F., see Siligardi, G. (1329) 278
Hatta, I., see Kodama, M. (1329) 61
Hayashi, K., see Kogure, K. (1329) 174
Heitz, F., see Béven, L. (1329) 357
Hernandez-Jimenez, E.I., see Razinkov, V.I. (1329) 149
Higashi, Y., see Sasaki, N. (1329) 169
Hoffmann, E.K., see Jensen, B.S. (1329) 1
Hooker, C.W., see Fan, J. (1329) 18
Hruby, V.J., see Romanowski, M. (1329) 245
Hsu, S.-f. and Burnette, R.R.
Characterization of the effects of amphotericin B on ion channels in MDCK cells using the patch-clamp technique (1329) 26
Humphreys, B.D., see Chernova, M.N. (1329) 111

Iida, T., Kanai, S., Inatomi, K.-i., Kamagata, Y. and Maruyama, T.
Alpha- and beta-subunits of a V-type membrane ATPase in a hyperthermophilic sulfur-dependent archaeum, *Thermococcus* sp. KI (1329) 12
Inatomi, K.-i., see Iida, T. (1329) 12
Ishioka, N., see Sasaki, N. (1329) 169

Janoff, A.S., see Ahl, P.L. (1329) 370
Janoff, A.S., see Mayhew, E. (1329) 139
Jendrasiak, G.L., Smith, R.L. and McIntosh, T.J.
The effect of phloretin on the hydration of egg phosphatidylcholine multilayers (1329) 159
Jensen, B.S. and Hoffmann, E.K.
Hypertonicity enhances expression of functional $Na^+/K^+/2Cl^-$ co-transporters in Ehrlich ascites tumour cells (1329) 1
Jørgensen, K., see Risbo, J. (1329) 85

Kaisheva, E., see Mayhew, E. (1329) 139
Kajiyama, G., see Sasaki, N. (1329) 169
Kamagata, Y., see Iida, T. (1329) 12
Kambe, M., see Sasaki, N. (1329) 169
Kanai, S., see Iida, T. (1329) 12
Knowles, A.F. and Penefsky, H.S.
Reconstitution of beef heart mitochondrial F_0F_1 in reverse phase evaporation vesicles (1329) 311
Kodama, M., Aoki, H., Takahashi, H. and Hatta, I.
Interlamellar waters in dimyristoylphosphatidylethanolamine–water system as studied by calorimetry and X-ray diffraction (1329) 61
Kogure, K., Nakamura, C., Okuda, O., Hayashi, K. and Ueno, M.
Effect of dicetylphosphate or stearic acid on spontaneous transfer of protein from influenza virus-infected cells to dimyristoylphosphatidylcholine liposomes (1329) 174
Kojima, R., see Sasaki, N. (1329) 169
Krasilnikov, O.V., Yuldasheva, L.N., Merzlyak, P.G., Capistrano, M.-F.P. and Nogueira, R.A.
The hinge portion of the *S. aureus* α-toxin crosses the lipid bilayer and is part of the *trans*-mouth of the channel (1329) 51
Kuroda, M., see Weissborn, A.C. (1329) 237
Kusumoto, S., see Brandenburg, K. (1329) 183

Lage, M., see Pérez, F.R. (1329) 269
Lin, J.S., see Polikandritou Lambros, M. (1329) 285
Lipkowski, A.W., see Romanowski, M. (1329) 245
Lopes, A.G., see Caruso-Neves, C. (1329) 336
Luisi, P.L., see Monnard, P.-A. (1329) 39

Martina, M., Mozrzymas, J.W. and Vittur, F.
Membrane stretch activates a potassium channel in pig articular chondrocytes (1329) 205
Maruyama, T., see Iida, T. (1329) 12
Matsuura, H., see Sasaki, N. (1329) 169
Mayhew, E., Ahmad, I., Bhatia, S., Dause, R., Filep, J., Janoff, A.S., Kaisheva, E., Perkins, W.R., Zha, Y. and Franklin, J.C.
Stability of association of 1-*O*-octadecyl-2-*O*-methyl-sn-glycero-3-phosphocholine with liposomes is composition dependent (1329) 139
McConnell, H.M., see Hagen, J.P. (1329) 7
McIntosh, T.J., see Jendrasiak, G.L. (1329) 159
McManus, D.P., see Fan, J. (1329) 18
Meers, P., see Ahl, P.L. (1329) 370
Merzlyak, P.G., see Krasilnikov, O.V. (1329) 51
Mikhalyov, I.I., see Razinkov, V.I. (1329) 149
Miller-Schlyer, M., see Viner, R.I. (1329) 321
Misicka, A., see Romanowski, M. (1329) 245
Molotkovsky, J.G., see Razinkov, V.I. (1329) 149
Monnard, P.-A., Oberholzer, T. and Luisi, P.L.
Entrapment of nucleic acids in liposomes (1329) 39
Mouritsen, O.G., see Risbo, J. (1329) 85
Mozrzymas, J.W., see Martina, M. (1329) 205

Nakamura, C., see Kogure, K. (1329) 174
Nakano, Y., see Sasaki, N. (1329) 169
Nogueira, R.A., see Krasilnikov, O.V. (1329) 51
Nüsse, M., see Sailer, K. (1329) 259

Oberholzer, T., see Monnard, P.-A. (1329) 39
O'Brien, D.F., see Romanowski, M. (1329) 245
Okuda, O., see Kogure, K. (1329) 174
Oshima, T., see Sasaki, N. (1329) 169

Paris, A., see Guéraud, F. (1329) 97
Penefsky, H.S., see Knowles, A.F. (1329) 311
Pereira, H.A., see Polikandritou Lambros, M. (1329) 285
Perez, E., see Wolfe, J. (1329) 202
Pérez, F.R., Camiña, J.P., Zugaza, J.L., Lage, M., Casabiell, X. and Casanueva, F.F.
cis-FFA do not alter membrane depolarization but block Ca^{2+} influx and GH secretion in KCl-stimulated somatotroph cells.Suggestion for a direct *cis*-FFA perturbation of the Ca^{2+} channel opening (1329) 269
Pérez-Payá, E., Dufourcq, J., Braco, L. and Abad, C.
Structural characterisation of the natural membrane-bound state of melittin: a fluorescence study of a dansylated analogue (1329) 223
Perkins, W.R., see Ahl, P.L. (1329) 370
Perkins, W.R., see Mayhew, E. (1329) 139
Phillips, N.C., see Filion, M.C. (1329) 345
Phoenix, D.A., see Siligardi, G. (1329) 278
Pincet, F., see Wolfe, J. (1329) 202
Polikandritou Lambros, M., Sheu, E., Lin, J.S. and Pereira, H.A.
Interaction of a synthetic peptide based on the neutrophil-derived antimicrobial protein CAP37 with dipalmitoyl-phosphatidylcholine membranes (1329) 285

Ramakrishnan, M., Sheeba, V., Sudha Komath, S. and Swamy, M.J.
Differential scanning calorimetric studies on the thermotropic phase transitions of dry and hydrated forms of *N*-acylethanolamines of even chainlengths (1329) 302
Ramaswami, V., see Romanowski, M. (1329) 245
Razinkov, V.I., Hernandez-Jimenez, E.I., Mikhalyov, I.I., Cohen, F.S. and Molotkovsky, J.G.
New fluorescent lysolipids: Preparation and selective labeling of inner liposome leaflet (1329) 149
Risbo, J., Jørgensen, K., Sperotto, M.M. and Mouritsen, O.G.
Phase behavior and permeability properties of phospholipid bilayers containing a short-chain phospholipid permeability enhancer (1329) 85
Roberts, P., see Ahl, P.L. (1329) 370
Robinson, D.H., see Chernova, M.N. (1329) 111
Romanowski, M., Zhu, X., Ramaswami, V., Misicka, A., Lipkowski, A.W., Hruby, V.J. and O'Brien, D.F.
Interaction of a highly potent dimeric enkephalin analog, biphalin, with model membranes (1329) 245

Sailer, K., Viaggi, S. and Nüsse, M.
Kinetics of radiation- and cytochrome *c*-induced modifications in liposomes analysed by FT–Raman spectroscopy (1329) 259

Sasaki, N., Oshima, T., Matsuura, H., Yoshimura, M., Yashiki, M., Higashi, Y., Ishioka, N., Nakano, Y., Kojima, R., Kambe, M. and Kajiyama, G.
Lack of effect of transmembrane gradient of magnesium and sodium on regulation of cytosolic free magnesium concentration in rat lymphocytes (1329) 169
Saunders, M.R., see Bradshaw, J.P. (1329) 124
Saxena, A., see Bradshaw, J.P. (1329) 124
Schöneich, C., see Viner, R.I. (1329) 321
Seydel, U., see Brandenburg, K. (1329) 183
Sheeba, V., see Ramakrishnan, M. (1329) 302
Sheu, E., see Polikandritou Lambros, M. (1329) 285
Siligardi, G., Harris, F. and Phoenix, D.A.
α-Helical conformation in the C-terminal anchoring domains of *E. coli* penicillin-binding proteins 4, 5 and 6 (1329) 278
Smith, R.L., see Jendrasiak, G.L. (1329) 159
Souza, L.P., see Caruso-Neves, C. (1329) 336
Sperotto, M.M., see Risbo, J. (1329) 85
Stevens, R., see Ahl, P.L. (1329) 370
Stuart-Tilley, A.K., see Chernova, M.N. (1329) 111
Sudha Komath, S., see Ramakrishnan, M. (1329) 302
Swamy, M.J., see Ramakrishnan, M. (1329) 302

Takahashi, H., see Kodama, M. (1329) 61
Tsuchiya, T., see Weissborn, A.C. (1329) 237

Ueno, M., see Kogure, K. (1329) 174

Viaggi, S., see Sailer, K. (1329) 259
Viani, P., see Cazzola, R. (1329) 291
Vidal, P., see Béven, L. (1329) 357
Viner, R.I., Ferrington, D.A., Aced, G.I., Miller-Schlyer, M., Bigelow, D.J. and Schöneich, C.
In vivo aging of rat skeletal muscle sarcoplasmic reticulum Ca-ATPase. Chemical analysis and quantitative simulation by exposure to low levels of peroxyl radicals (1329) 321
Vittur, F., see Martina, M. (1329) 205

Weissborn, A.C., Botfield, M.C., Kuroda, M., Tsuchiya, T. and Wilson, T.H.
The construction of a cysteine-less melibiose carrier from *E. coli* (1329) 237
Wilson, T.H., see Weissborn, A.C. (1329) 237
Wolfe, J., Bryant, G., Perez, E. and Pincet, F.
Correction to "Is vitrification involved in depression of the phase transition temperature in dry phospholipids?" [Biochim. Biophys. Acta 1280 (1996) 187–196] (1329) 202
Wróblewski, H., see Béven, L. (1329) 357

Yashiki, M., see Sasaki, N. (1329) 169
Yoshimura, M., see Sasaki, N. (1329) 169
Yuldasheva, L.N., see Krasilnikov, O.V. (1329) 51

Zha, Y., see Mayhew, E. (1329) 139
Zhu, X., see Romanowski, M. (1329) 245
Zugaza, J.L., see Pérez, F.R. (1329) 269
Zuidam, N.J. and Barenholz, Y.
Electrostatic parameters of cationic liposomes commonly used for gene delivery as determined by 4-heptadecyl-7-hydroxycoumarin (1329) 211